

**EP 518772**

DIALOG(R) File 351:Derwent WPI

(c) 2005 Thomson Derwent. All rts. reserv.

009290212 \*\*Image available\*\*

WPI Acc No: 1992-417621/\*199251\*

XRAM Acc No: C92-185239

Filtering cosmetic compsn. - contg. benzene

1,4-di(3-methylidene-10-camphosulphonic) acid and metal oxide nanopigment

Patent Assignee: L'OREAL SA (OREA ); ETEVE M (ETEV-I)

Inventor: ETEVE M; HANSENNE I

Number of Countries: 018 Number of Patents: 014

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 518772	A1	19921216	EP 92401626	A	19920612	199251 B
AU 9218209	A	19921217	AU 9218209	A	19920612	199306
FR 2677543	A1	19921218	FR 917255	A	19910613	199307
CA 2071277	A	19921214	CA 2071277	A	19920615	199310
JP 5170635	A	19930709	JP 92153735	A	19920612	199332
EP 518772	B1	19941102	EP 92401626	A	19920612	199442
DE 69200614	E	19941208	DE 600614	A	19920612	199503
			EP 92401626	A	19920612	
ES 2062874	T3	19941216	EP 92401626	A	19920612	199505
AU 662149	B	19950824	AU 9218209	A	19920612	199542
US 5643557	A	19970701	US 92897498	A	19920612	199732
			US 93119651	A	19930913	
US 5690915	A	19971125	US 92897498	A	19920612	199802
			US 93119651	A	19930913	
			US 95458187	A	19950602	
US 5690917	A	19971125	US 92897498	A	19920612	199802
			US 93119651	A	19930913	
			US 95458191	A	19950602	
US 5788955	A	19980804	US 92897498	A	19920612	199838
			US 93119651	A	19930913	
			US 95458192	A	19950602	
US 5795565	A	19980818	US 92897498	A	19920612	199840
			US 93119651	A	19930913	
			US 97822734	A	19970324	

Priority Applications (No Type Date): FR 917255 A 19910613

Cited Patents: DE 3824999; EP 303995; EP 370867

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 518772	A1	F	18	A61K-007/42	
					Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI NL PT SE
FR 2677543	A1		22	A61K-007/00	
CA 2071277	A	F		A61K-007/42	
JP 5170635	A		11	A61K-007/42	
EP 518772	B1	F	17	A61K-007/42	
					Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI NL PT SE
DE 69200614	E			A61K-007/42	Based on patent EP 518772
ES 2062874	T3			A61K-007/42	Based on patent EP 518772
AU 662149	B			A61K-007/44	Previous Publ. patent AU 9218209
US 5643557	A		7	A61K-007/40	Cont of application US 92897498
US 5690915	A		7	A61K-007/40	Cont of application US 92897498
					Div ex application US 93119651

US 5690917	A	7 A61K-007/40	Div ex patent US 5643557 Cont of application US 92897498 Div ex application US 93119651
US 5788955	A	A61K-007/42	Cont of application US 92897498 Div ex application US 93119651 Div ex patent US 5643557
US 5795565	A	A61K-007/44	Cont of application US 92897498 Div ex application US 93119651 Div ex patent US 5643557
AU 9218209	A	A61K-007/44	

Abstract (Basic): EP 518772 A

A filtering cosmetic compsn. comprises, in a suitable support, nanopigment(s) of metal oxides from oxides of Ti, Ce, Zr or their mixts., of mean dia less than 100 nm (pref. 5-50 nm), mixed with (partially) neutralised benzene 1,4-di (3-methylidene-10-camphosulphonic) acid of formula (I).

Where A = H, alkali metal, a gp. NH(R3)(+); the R's are same or different and are H, 1-4C (hydroxy)alkyl or a gp. M(n+1)/n where M(n+) = polyvalent metal cation with n = 2, 3 or 4. Pref. M(n+1) = Ca(2+), Zn(2+), Mg(2+), Ba(2+), Al(3+) or Zr(4+). Pref. the compsn. contains TiO2 and an Al salt of (I).

Also claimed are: (1) a process for protecting human epiderm and hair against UV radiation by applying the above compsn., (2) use of the cosmetic compsn. to prevent apparition of photodermatoses and (3) use of (I) for reducing or inhibiting photoinduced reaction fo the above pigments exposed to light.

ADVANTAGE - The metal oxide pigments improve the cosmetic properties of the compsn. and partic. reduce the sticky effect of (I) and the whitening left on the skin after application.

Dwg. 0/0

Title Terms: FILTER; COSMETIC; COMPOSITION; CONTAIN; BENZENE; DI; METHYLIDENE; SULPHONIC; ACID; METAL; OXIDE; NANO; PIGMENT

Derwent Class: A96; D21; E12; E14; E24; E32

International Patent Class (Main): A61K-007/00; A61K-007/40; A61K-007/42; A61K-007/44

International Patent Class (Additional): A61K-007/02; A61K-007/021; A61K-007/027; A61K-007/031; A61K-007/032; A61K-007/06; A61K-007/08; A61K-007/09; A61K-007/11; A61K-007/13; A61K-007/135; A61K-007/48

File Segment: CPI